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## PATENT ABSTRACTS OF JAPAN

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(21)Application number : 08-332780 (71)Applicant : NIPPON SYNTHETIC CHEM IND CO LTD:THE  
(22)Date of filing : 27.11.1996 (72)Inventor : MATSUMURA AKIRA  
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(54) WATER-DISPERSION TYPE RESIN COMPOSITION AND ITS USE

(57)Abstract:  
PROBLEM TO BE SOLVED: To obtain a water-dispersion type resin composition capable of simultaneously exceeding in low-temperature operability, luster, water resistance, weather resistance and stain resistance, useful for a coating material for exteriors.  
SOLUTION: This composition is obtained by depolymerizing a high-molecular weight polyester containing two or more sulfonate groups in one molecule with an unsaturated basic acid or its anhydride to give an unsaturated polyester containing a sulfonate group and an ethylenic unsaturated group in one molecule and polymerizing a radically unsaturated monomer therewith in the presence of the unsaturated polyester. Especially a reaction between an epoxy group and an acidic sulfite is utilized as a method for introducing a sulfonate group into the high-molecular weight polyester.

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